

FIG. 1

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Run on every 40 samples: HighPass, NLPCNG
 Run on every 4 samples: Signal Analysis,
 Signal Detector, Noise Modeling
 Run on every 1 sample: All other blocks

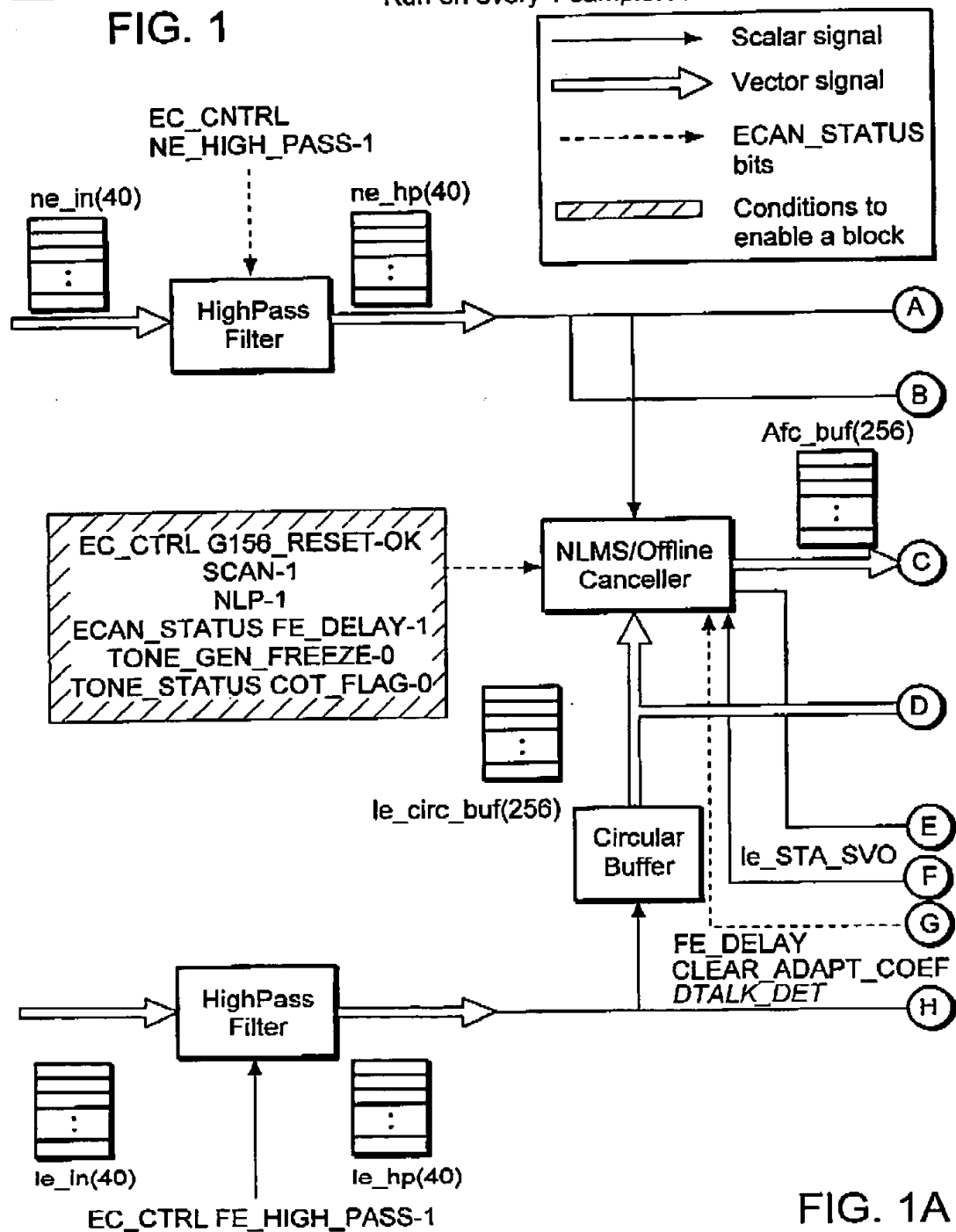


FIG. 1A

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Voice Echo Canceller Block Diagram

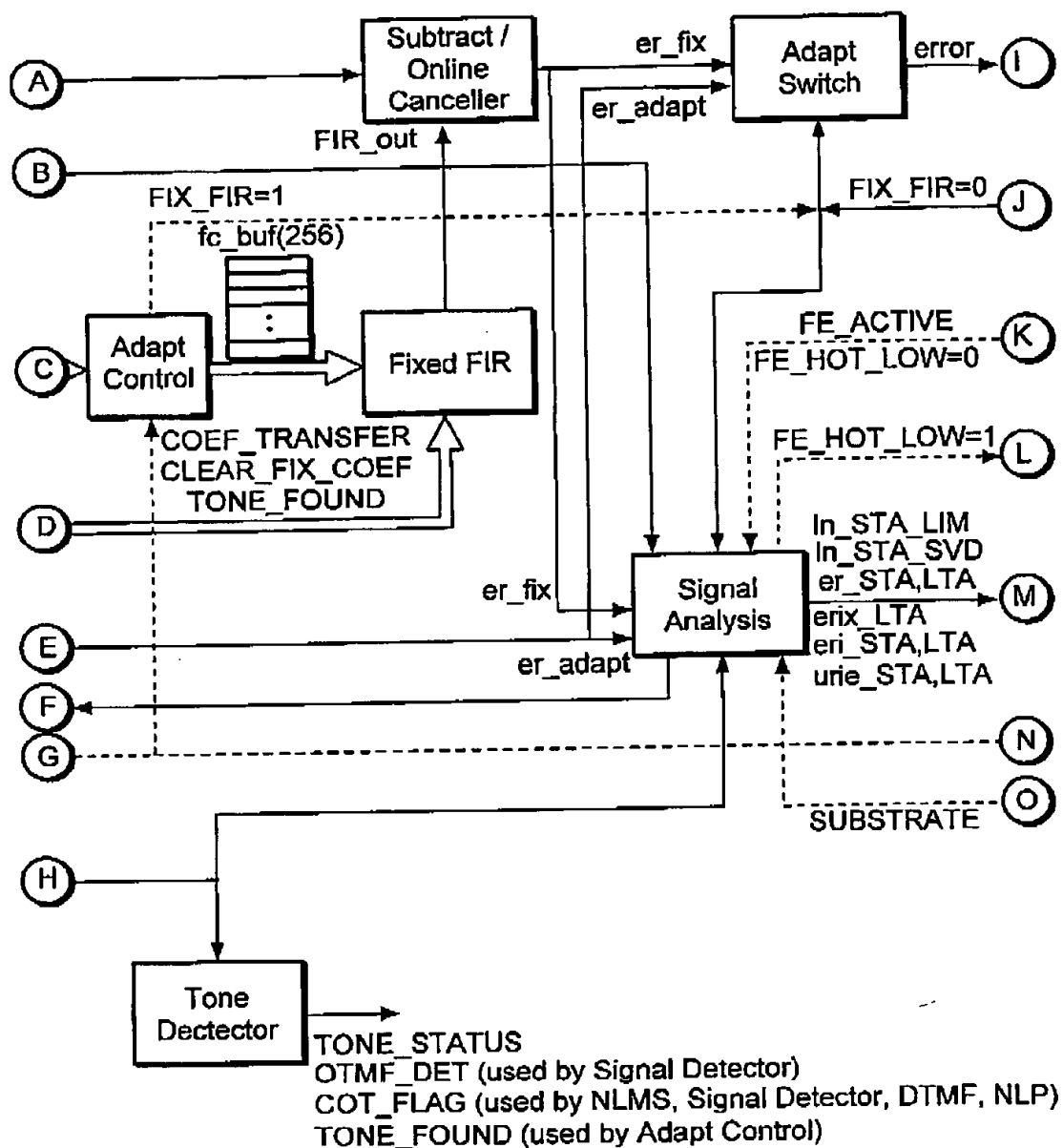


FIG. 1B

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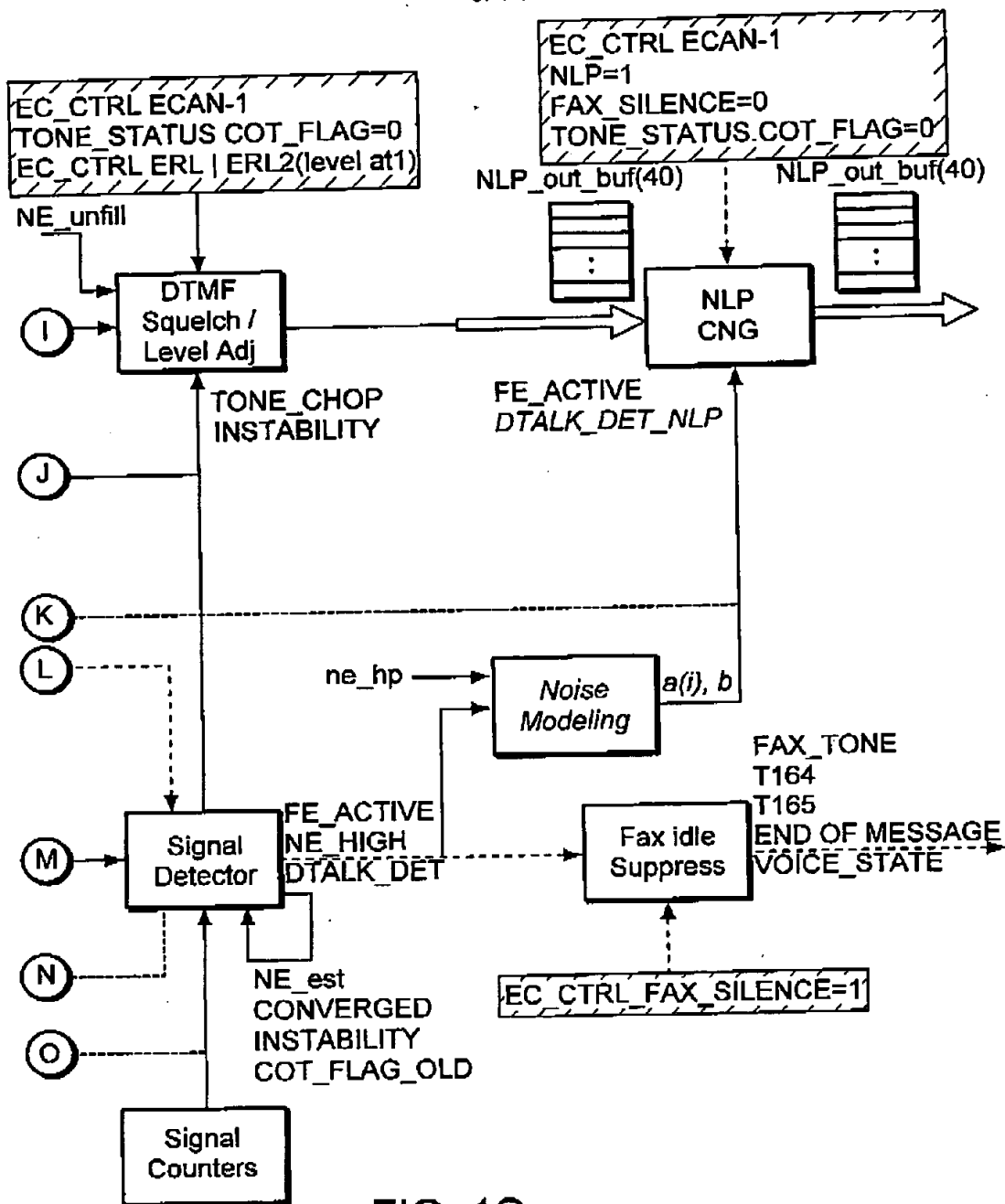


FIG. 1C

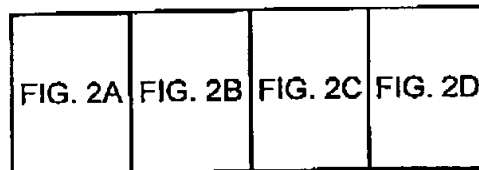


FIG. 2

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Run on every 40 samples: HighPass,
NLPCNG
Run on every 4 samples: Signal Analysis,
Signal Detector, Noise Modeling
Run on every 1 sample: All other blocks

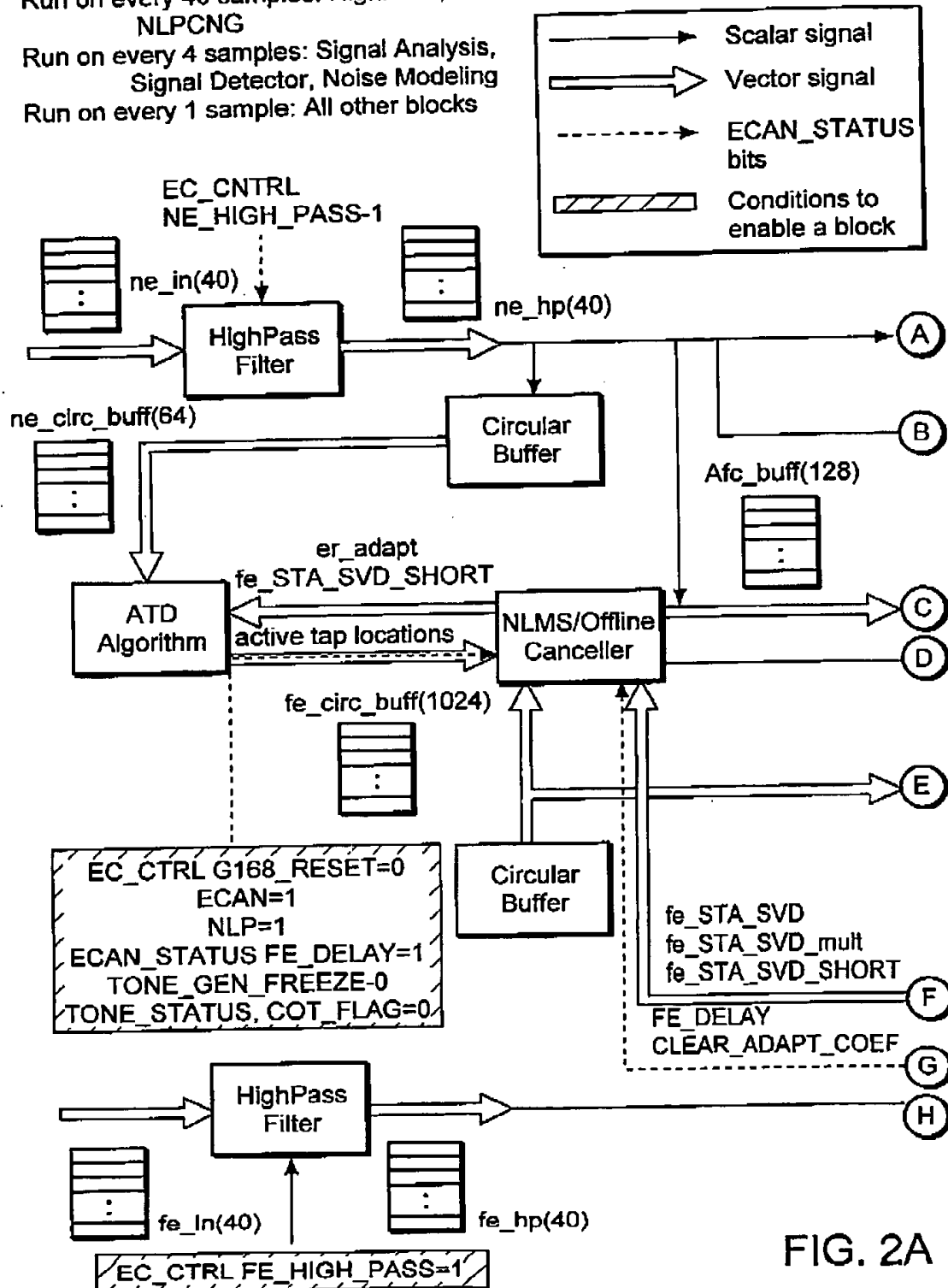
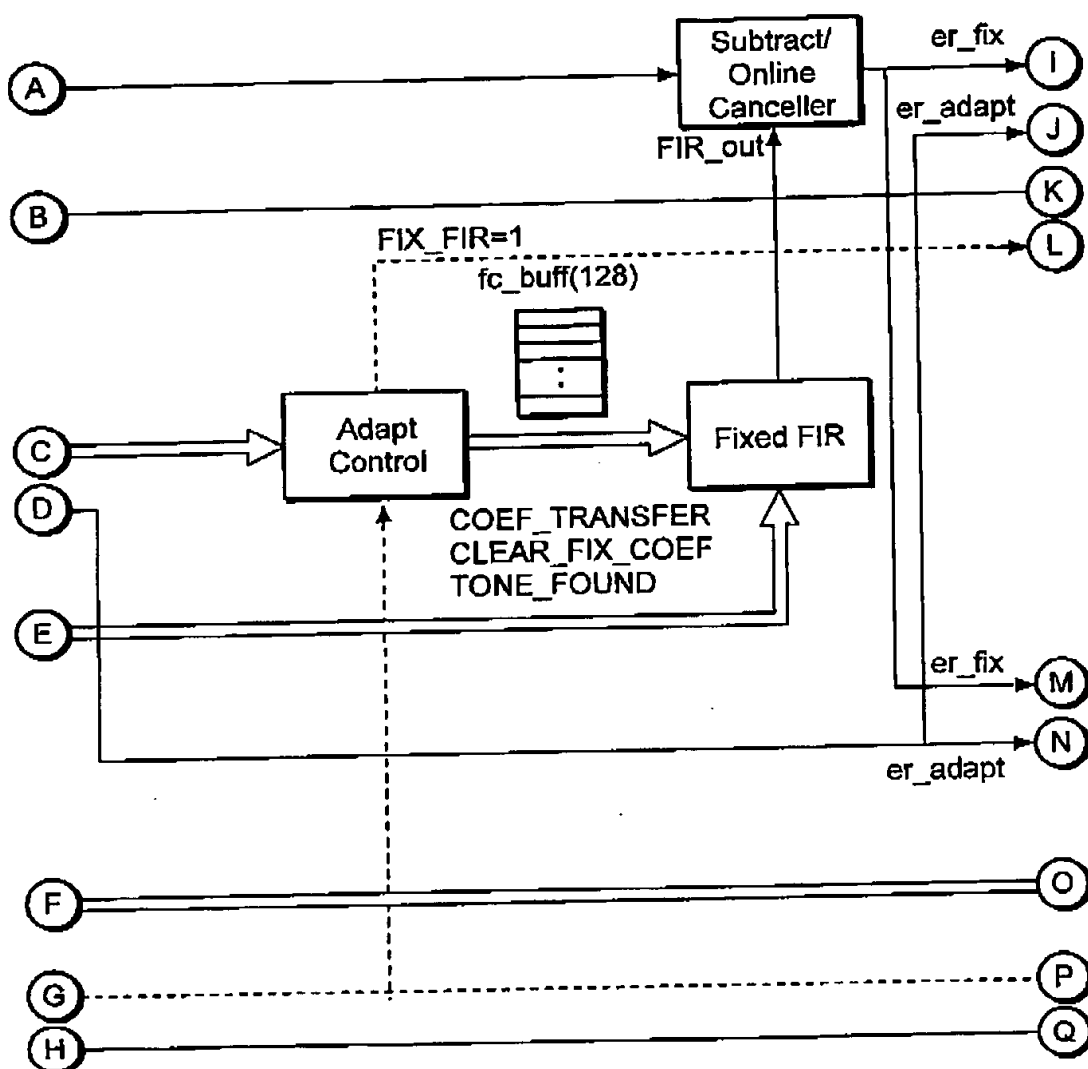


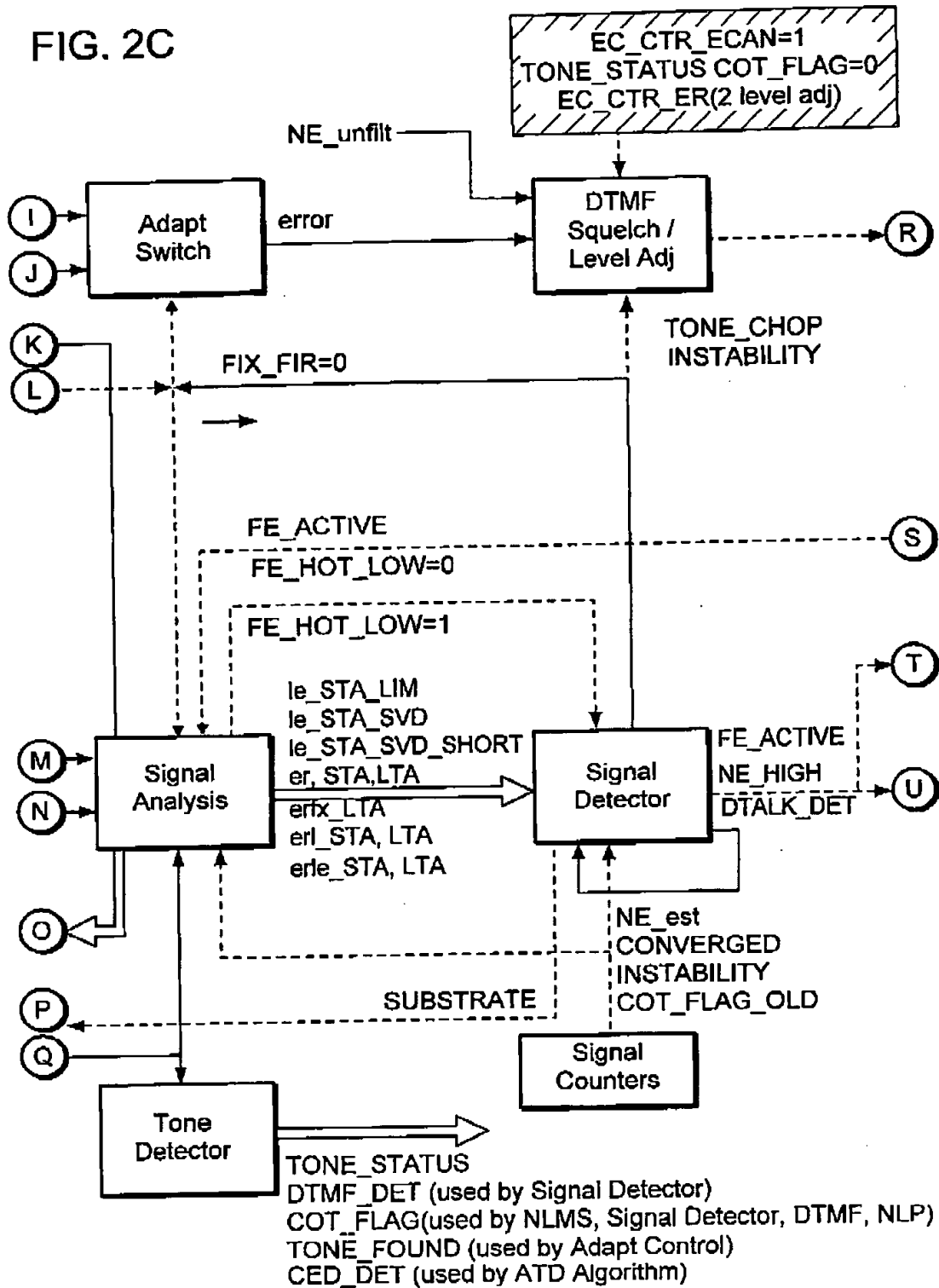
FIG. 2A

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Voice Echo Cancellar Block Diagram with Active Tap Detection Algorithm**FIG. 2B**

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FIG. 2C



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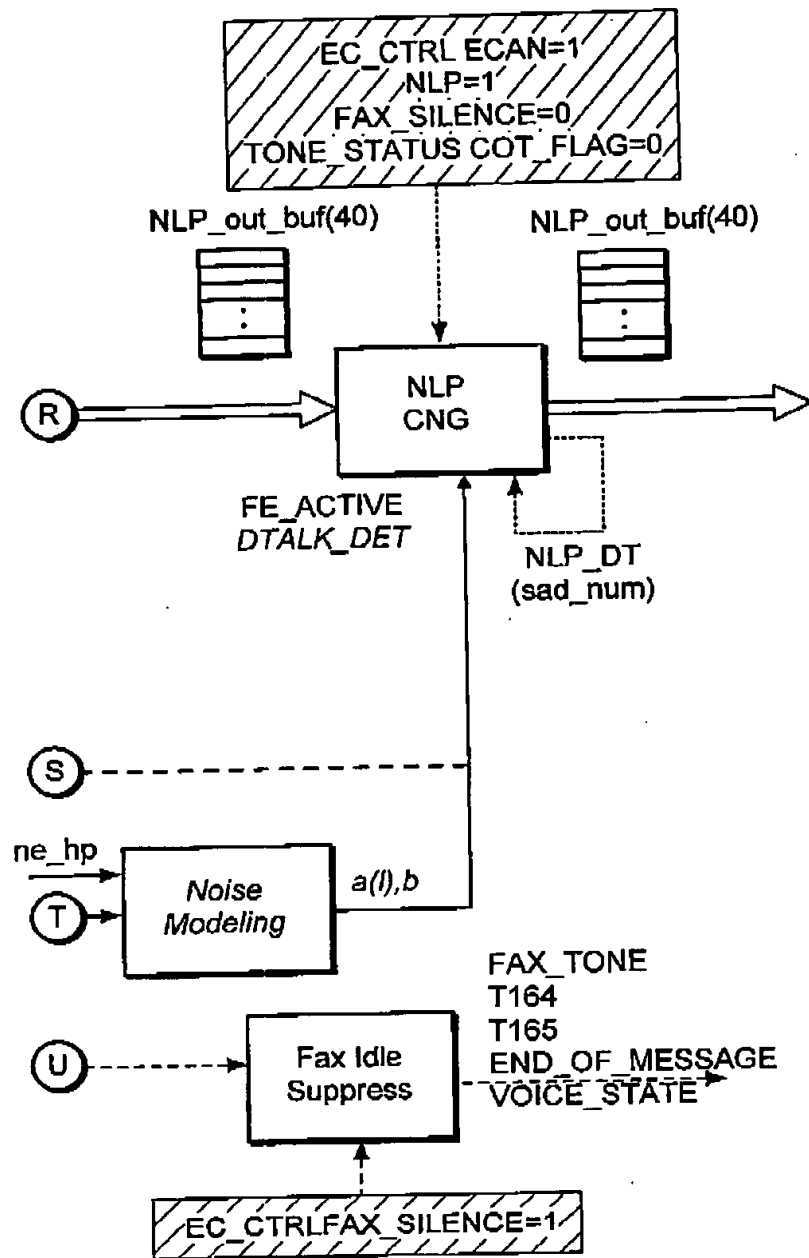


FIG. 2D

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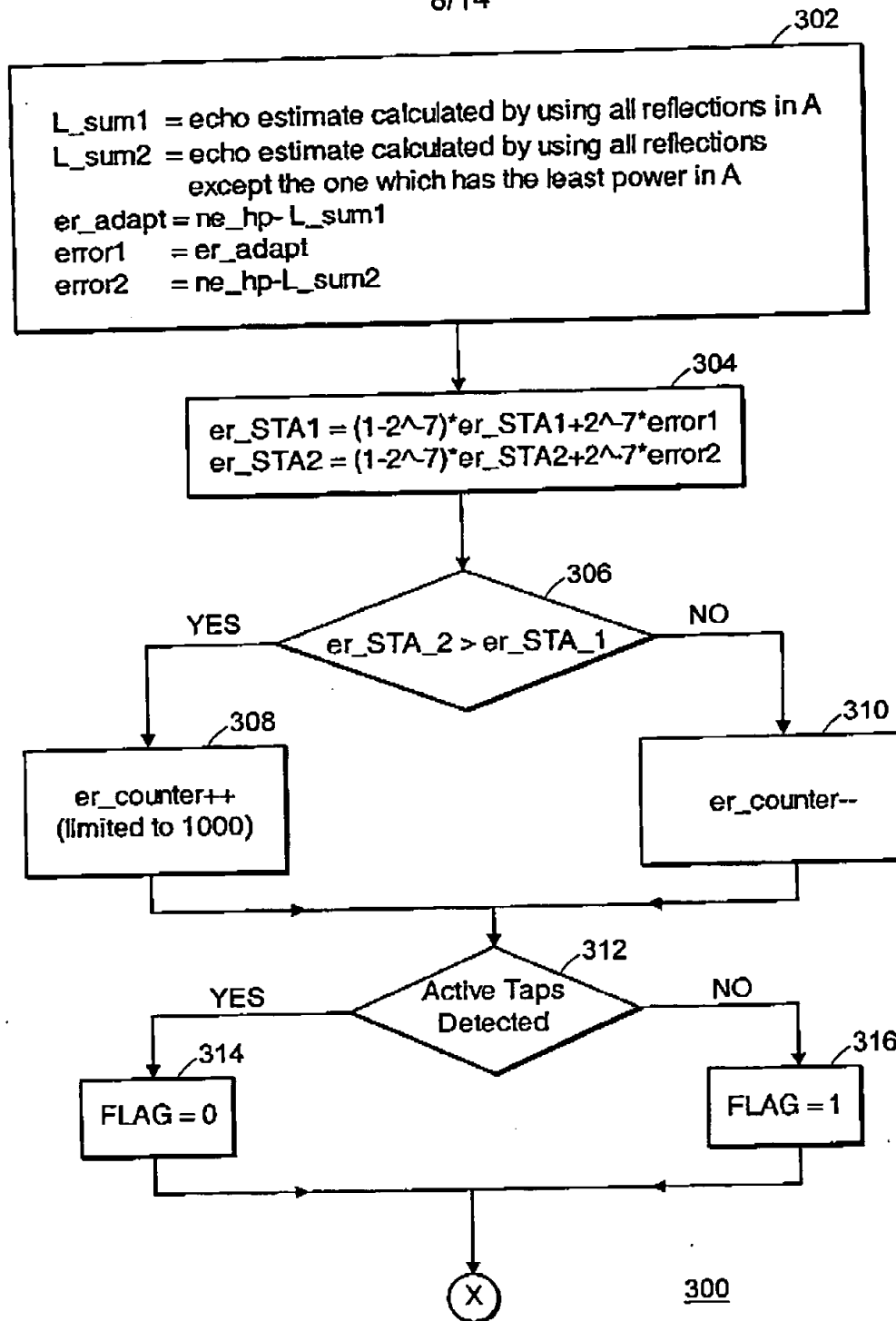


FIG. 3A

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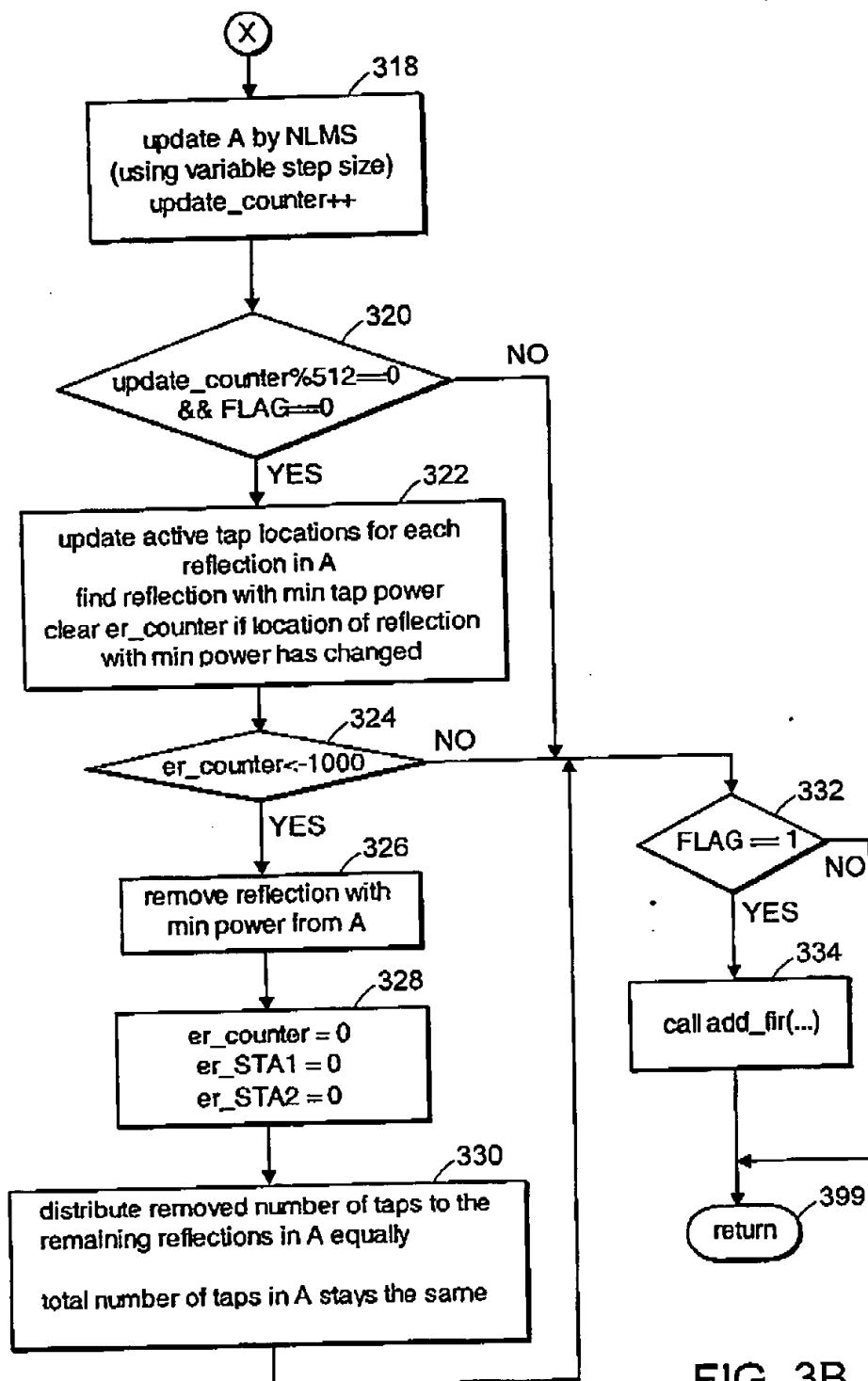


FIG. 3B

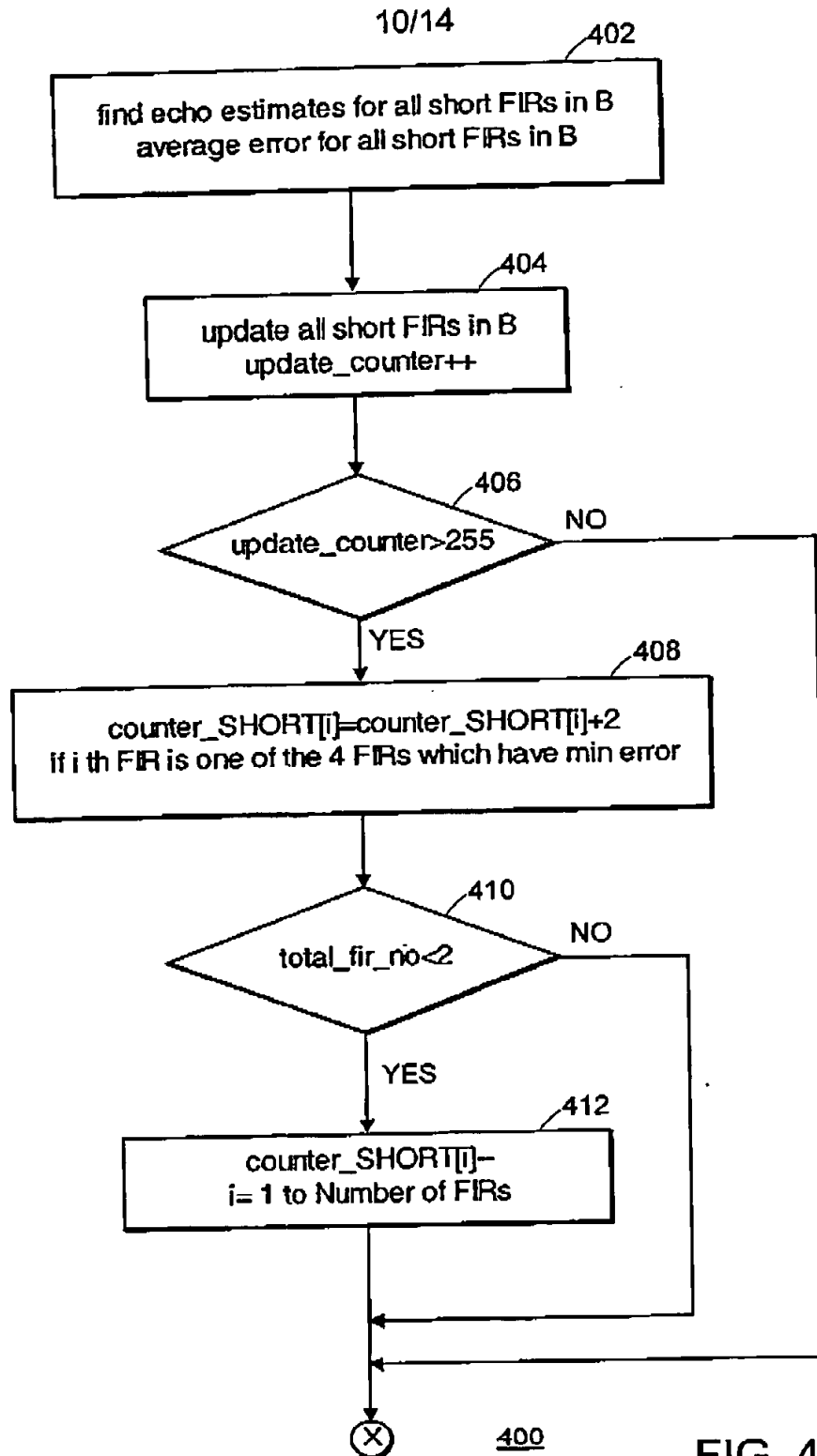


FIG. 4A

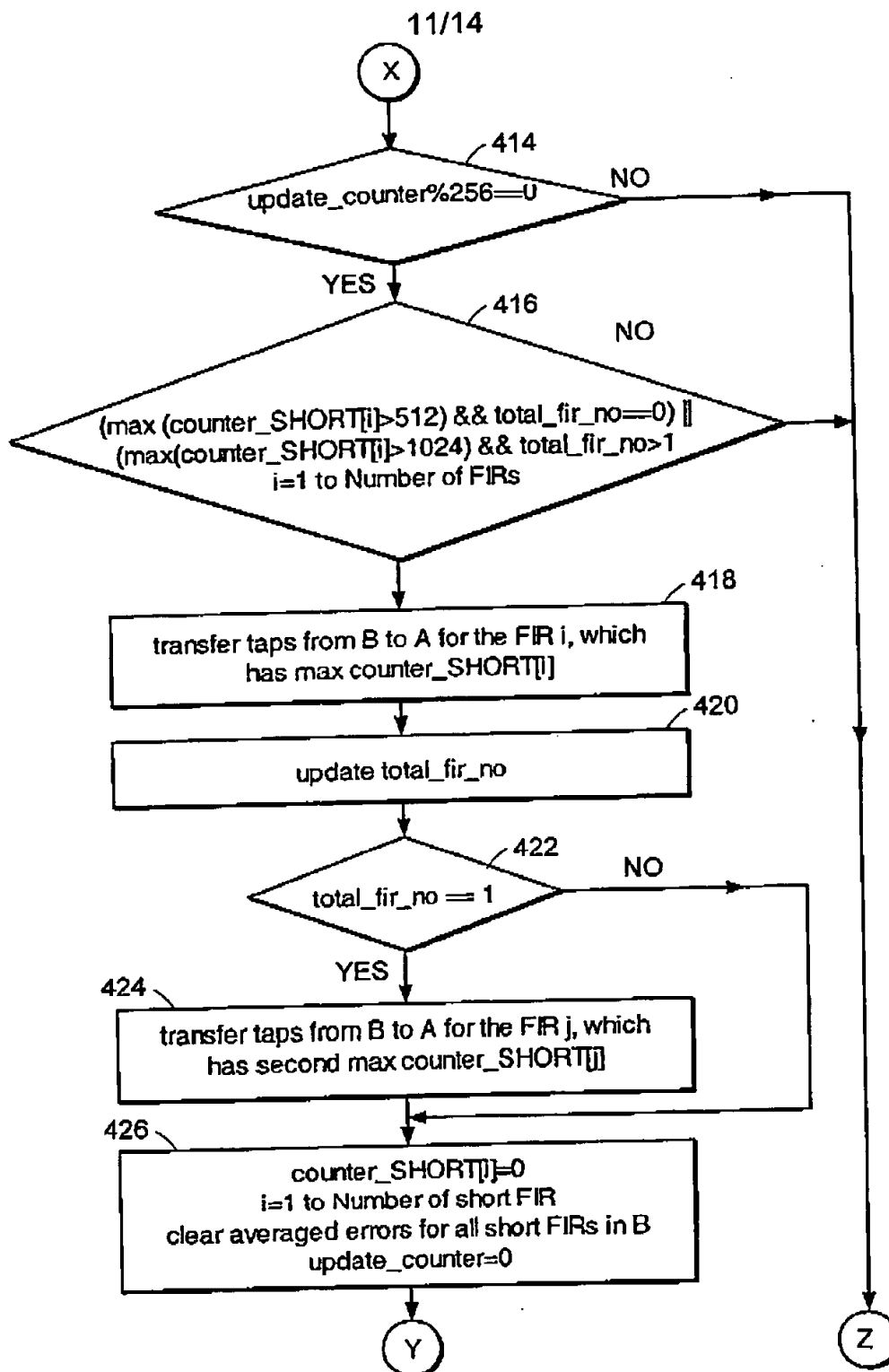


FIG. 4B

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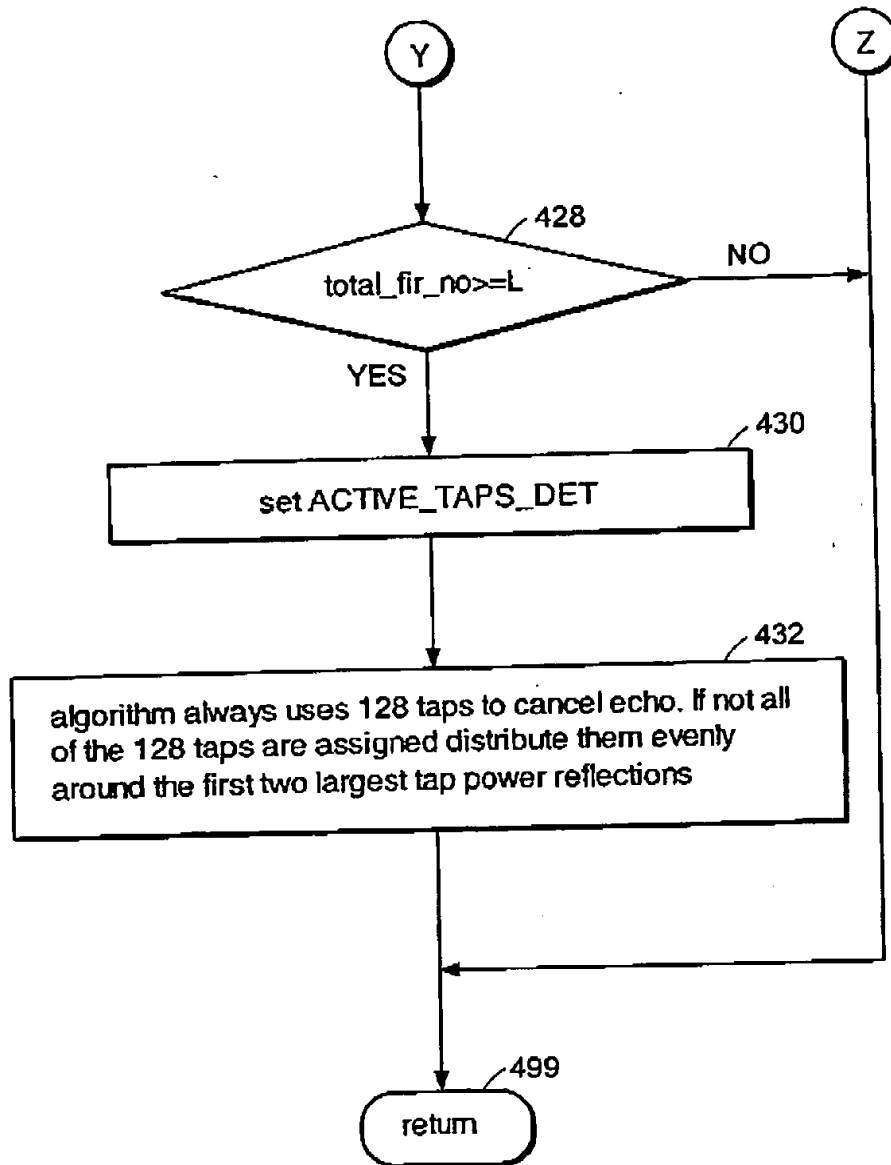


FIG. 4C

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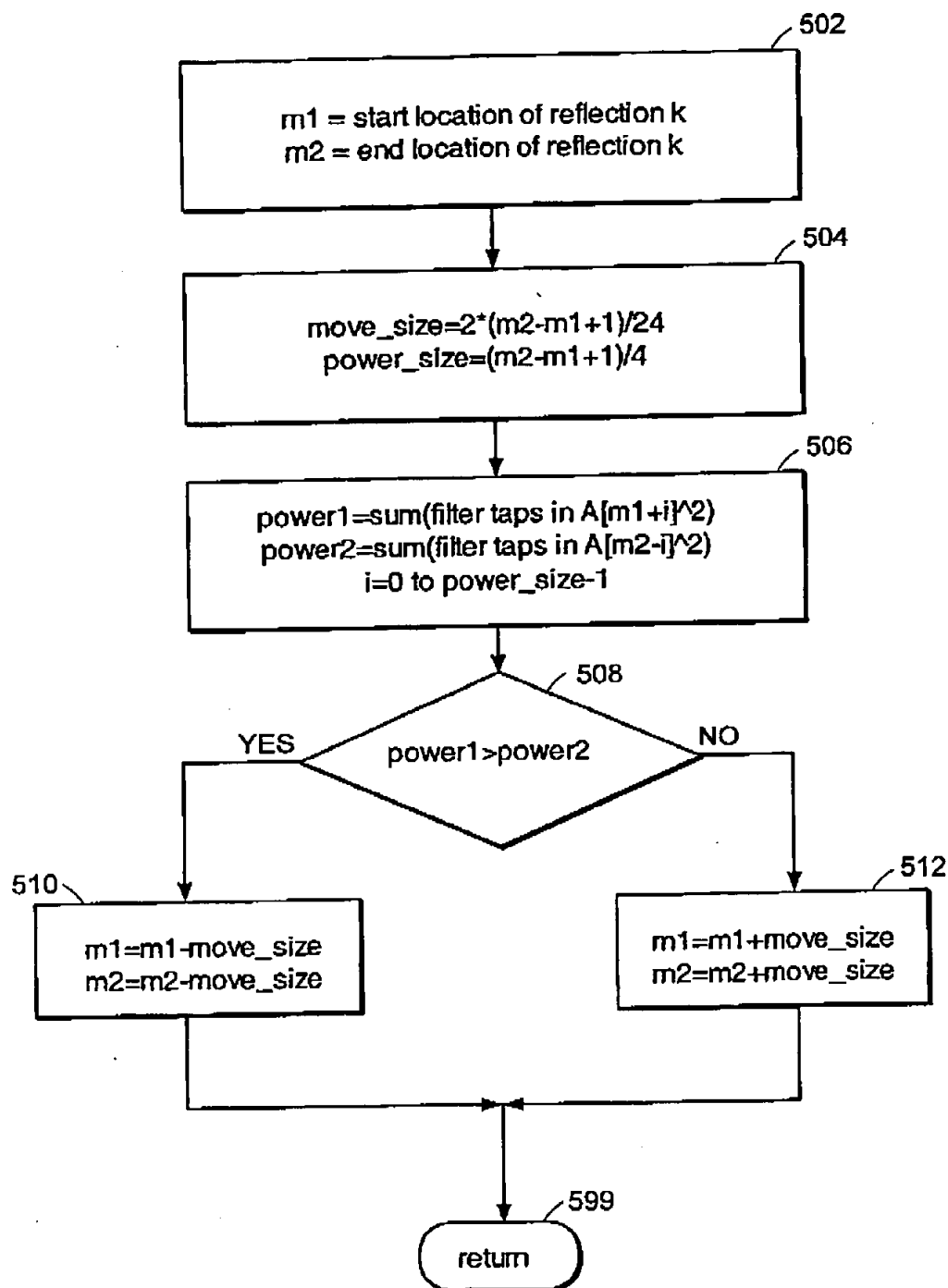


FIG. 5

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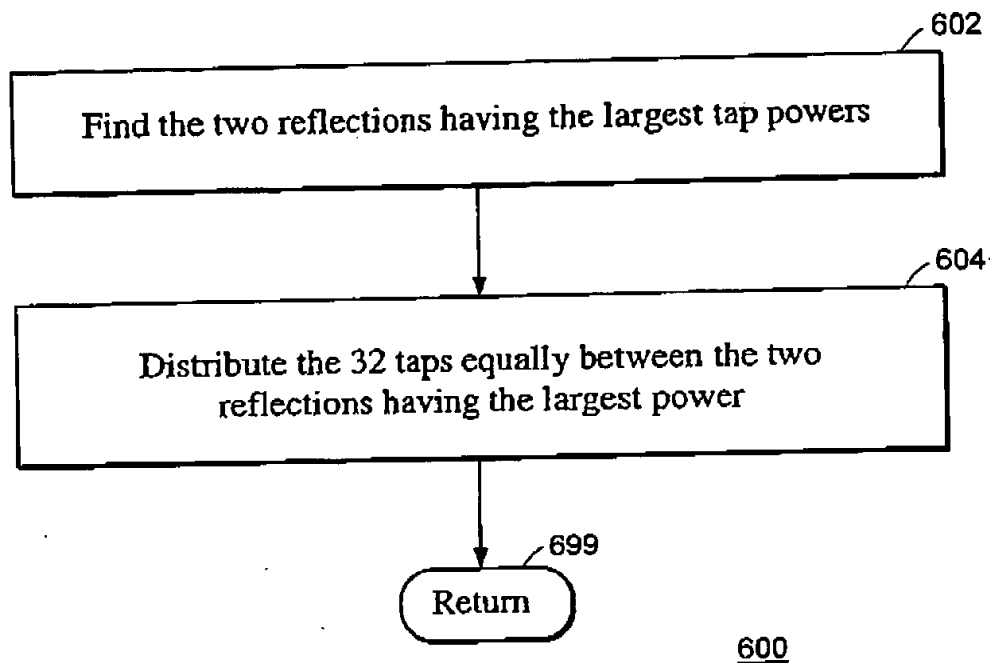


FIG. 6